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Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2009; month=12; day=18; hr=10; min=39; sec=22; ms=322;
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Application No: 10583840 Version No: 3.0

Input Set:

Output Set:

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Finished: 2009-12-02 10:44:44.908
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 414 ms
Total Warnings: 18
Total Errors: 0
No. of SeqIDs Defined: 18
Actual SeqID Count: 18

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W 213	Artificial or Unknown found in <213> in SEQ ID (4)
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W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
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<140> 10583840

<141> 2009-12-02

<150> KR 10-2005-0059907

<151> 2005-07-04

<160> 18

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18

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<213> Artificial Sequence

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<213> Artificial Sequence

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<223> HJ-PHB-N (PCR Primer)

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24

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<223> SCL-1 (PCR Primer)

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<223> SD-BA-N (PCR Primer)

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47

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28

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28

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39

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<220>

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<222> (482)

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cactgcatacg actgcgacat caccgactgg gatagcaccc gccaggcctt cgacatggtg	240
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 <223> n=A, C, G or T

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 <212> DNA
 <213> Pseudomonas sp. HJ-2

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caacagtgg	ccgaacttgg	ccagcaattt	ctgagctgcc	agccgttgc	attcagcgat	240
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 <223> n=A, C, G or T

<220>
 <221> variation
 <222> (1134)
 <223> n=A, C, G or T

<220>
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 <222> (1136)
 <223> n=A, C, G or T

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 <213> Pseudomonas sp. HJ-2

<220>
 <221> variation
 <222> (161)
 <223> Xaa = Asp, Ala, Gly or Val

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Met Gly Gly Ile Gly Thr Ala Ile Ser Gln Arg Leu His Arg Asp Gly
 20 25 30

Phe Thr Val Val Val Gly Cys Asn Pro Tyr Ser Ser Arg Lys Ala Ser
 35 40 45

Trp Ile Ala Thr Gln Leu Glu Ala Gly Phe His Phe His Cys Ile Asp
 50 55 60

Cys Asp Ile Thr Asp Trp Asp Ser Thr Arg Gln Ala Phe Asp Met Val
 65 70 75 80

His Glu Thr Val Gly Pro Ile Asp Val Leu Val Asn Asn Ala Gly Ile
 85 90 95

Thr Arg Asp Gly Thr Phe Arg Lys Met Ser Pro Glu Asn Trp Lys Ala
 100 105 110

Val Ile Asp Thr Asn Leu Thr Gly Leu Phe Asn Thr Thr Lys Gln Val
 115 120 125

Ile Glu Gly Met Leu Ala Lys Gly Trp Gly Arg Val Ile Asn Ile Ser
 130 135 140

Ser Ile Asn Gly Gln Arg Gly Gln Phe Gly Gln Thr Asn Tyr Ser Ala
145 150 155 160

Xaa Lys Ala Gly Ile His Gly Phe Ser Met Ala Leu Ala Arg Glu Val
165 170 175

Ser Gly Lys Gly Val Thr Val Asn Thr Val Ser Pro Gly Tyr Ile Lys
180 185 190

Thr Asp Met Thr Ala Ala Ile Arg Pro Asp Ile Leu Glu Asp Met Ile
195 200 205

Thr Gly Ile Pro Val Gly Arg Leu Gly Gln Pro Glu Glu Ile Ala Ser
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<210> 17

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<212> PRT

<213> *Pseudomonas* sp. HJ-2

<220>

<221> variation

<222> (69)

<223> Xaa = Glu or Asp

<220>

<221> variation

<222> (70)

<223> Xaa = Gln, Pro, Arg or Leu

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20 25 30

Val Ile Arg Arg Leu Leu Glu Gln Thr Ala Leu Asp Ser Ser Gln Val
35 40 45

Asp Glu Val Ile Leu Gly His Val Leu Thr Ala Gly Ala Gly Arg Ile
50 55 60

Pro Leu Ala Arg Xaa Xaa Val Ile Ala Gly Leu Pro His Ala Val Pro
65 70 75 80

Ala Met Thr Leu Asn Lys Val Cys Gly Ser Gly Leu Lys Ala Leu His
85 90 95

Leu Gly Ala Gln Ala Ile Arg Cys Gly Asp Ala Glu Val Val Ile Ala
100 105 110

Gly Gly Met Glu Asn Met Ser Leu Ser Ser Tyr Val Leu Pro Lys Ala
115 120 125

Arg Thr Gly Leu Arg Met Gly His Ala Gln Leu Val Asp Ser Met Ile
130 135 140

Val Asp Gly Leu Trp Asp Ala Phe Asn Asp Tyr His Met Gly Ile Thr
145 150 155 160

Ala Glu Asn Leu Val Asp Lys Tyr Gly Ile Ser Arg Glu Ala Gln Asp
165 170 175

Glu Phe Ala Ala Ala Ser Gln Gln Lys Ala Val Ala Ala Ile Glu Thr
180 185 190

Gly Arg Phe Arg Asp Glu Ile Val Pro Val Ser Ile Pro Gln Arg Lys
195 200 205

Gly Glu Ala Leu Ser Phe Asp Thr Asp Glu Gln Pro Arg Ala Gly Thr
210 215